RECEIVED

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	pen Flo eliverab				Test Dat 10/10/2					PI No. 15 i-175-21558 <del>-</del>	- 0000	
Compar MERIT		GY COI	MPANY	<u>-</u> -			Lease DAVIE	s			E-1	Well Number
County Location SEWARD 660' FSL & 660' FWL				Section 36	TWP 33S	RNG (E/W) 32W		E/W)		Acres Attributed		
Field ARKAL	ield RKALON					Reservoir LOWER MORROWUPPER C			Gas Gathering Connect			
	Completion Date 8/21/1996				Plug Bac 6046'	ck Total Dep	oth	Packer Set at NA		Set at		·
Casing 5	asing Size Weight .5 15.5#			Internal Diameter 4.95		Set at 6097'		Perforations 5705'		To 5794'	,	
ubing Size Weight			Internal Diameter		Set at 5688'		Perforations · NA		To NA			
Type Co	Type Completion (Describe)				Type Fluid Production WATER			Pump Unit or Trave		<u> </u>		/ No
Producir TUBIN	ng Thru	(Annulus	/ Tubing)	<u></u>		Carbon Diox	ride		% Nitro	gen	Gas G	ravity - G <sub>g</sub>
_	Depth(H	)			<u> </u>		ssure Taps			· · · · ·		Run) (Prover) Size
	- Buildo	: Shut	in 10/0	9/2013	, <sub>at</sub> 1		NGE (AM) (BM)	1(	0/10/20	13	3 <sub>at_</sub> 12:30	PM
Well on I												(AM) (PM) (AM) (PM)
<u></u>				<u> </u>	· · · -	-	ED SURFAC				Duration of Shut	
Static / Dynamic Property	Orific Size (inche	Prov	Circle one: Pressur Meter Differenti over Pressure in psig (Pm) Inches H		Flowing Temperature t	Flowing Well Head Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing ead Pressure or (P,) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrets)
Shut-In	0.62	<del>-</del>	- sig (Fili)	g (Pm) Inches H <sub>2</sub> 0		<del></del>		psia psig		psia 30	24	<del> </del>
Flow												
			1		<del></del>	FLOW STR	REAM ATTR	IBUTES				
Plate Coeffice (F <sub>b</sub> ) (F Mcfc	cient	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Extension Fact		Flowing Temperature Factor F <sub>t1</sub>		Deviation Factor F <sub>pv</sub>		GOR (Cubic Fe Barrel)	Gravitu
	L			<del> </del>	(OPEN FLO	OW) (DELIV	ERABILITY	CALCUL	ATIONS			
)² =	<del></del>	<u>.:                                    </u>	(P <sub>w</sub> ) <sup>2</sup> =	<u>;</u>	P <sub>d</sub> =			· - 14.4) +		<u>-</u> : .,	(P <sub>a</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> · ( or (P <sub>c</sub> ) <sup>2</sup> · (	•	(P <sub>c</sub> )² - (i	P <sub>w</sub> ) <sup>2</sup>	1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_\theta^2$ 2. $P_c^2 - P_\theta^2$ idea by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P.2. P.2	Slop	ssure Curve le = "n" or signed ard Slope	nx	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
	-			<del></del>	-							
open Flo	<u> </u>			Mcfd @ 14.6	5 psia		Deliverabi	litv	<u> </u>		Mcfd @ 14.65 psi	
				behalf of the	Company, s		e is duly au	thorized to		ne above repor	t and that he ha	s knowledge of
, iacis S	ialeu in	siem, and	ı mat said	report is true	and correct	. Executed	this the _20	(1111	day of O	Cheryl I	Patrick	, <sub>20</sub> <u>13</u> .
			Witness (if ar	(Vr	<del></del> -	<del></del>	-		<del></del>		этрапу	KCC
			For Commiss	lan		<del></del>	_			Check		NOV

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY
and that the correct to the of equipment thereby	foregoing pressure information and statements contained on this application form are true and e best of my knowledge and belief based upon available production summaries and lease records t installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the DAVIES E-1 he grounds that said well:
I furthe	is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 mcf/D agree to supply to the best of my ability any and all supporting documents deemed by Commissionessary to corroborate this claim for exemption from testing.
Date: <u>10/2</u>	/2013
	Signature: M Chuyl Putrus  Title: REGULATORY ANALYST

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

Sugar Established